Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
Data File : VX022863.D
Acq On : 24 Jun 2021 00:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_X
**LabSampleId :** VSTDCCC050

Quant Time: Jun 24 03:39:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 1 | I | Pentafluorobenzene | 50.000 | 50.000 | 0.0 | 98 | 0.00 |
| 2 | T | Dichlorodifluoromethane | 50.000 | 52.154 | -4.3 | 97 | 0.00 |
| 3 | P | Chloromethane | 50.000 | 48.881 | 2.2 | 99 | 0.00 |
| 4 | C | Vinyl Chloride | 50.000 | 51.732 | -3.5# | 99 | 0.00 |
| 5 | T | Bromomethane | 50.000 | 48.299 | 3.4 | 101 | 0.00 |
| 6 | T | Chloroethane | 50.000 | 50.031 | -0.1 | 96 | 0.00 |
| 7 | T | Trichlorofluoromethane | 50.000 | 50.626 | -1.3 | 98 | 0.00 |
| 8 | T | Diethyl Ether | 50.000 | 49.544 | 0.9 | 98 | 0.00 |
| 9 | T | 1,1,2-Trichlorotrifluoroeth | 50.000 | 49.635 | 0.7 | 96 | 0.00 |
| 10 | T | Methyl Iodide | 50.000 | 47.563 | 4.9 | 99 | 0.00 |
| 11 | T | Tert butyl alcohol | 250.000 | 252.237 | -0.9 | 102 | 0.00 |
| 12 | CM | 1,1-Dichloroethene | 50.000 | 50.118 | -0.2# | 98 | 0.00 |
| 13 | T | Acrolein | 250.000 | 225.404 | 9.8 | 93 | 0.00 |
| 14 | T | Allyl chloride | 50.000 | 50.428 | -0.9 | 99 | 0.00 |
| 15 | T | Acrylonitrile | 250.000 | 261.124 | -4.4 | 99 | 0.00 |
| 16 | T | Acetone | 250.000 | 239.195 | 4.3 | 99 | 0.00 |
| 17 | T | Carbon Disulfide | 50.000 | 45.720 | 8.6 | 99 | 0.00 |
| 18 | T | Methyl Acetate | 50.000 | 52.032 | -4.1 | 104 | 0.00 |
| 19 | T | Methyl tert-butyl Ether | 50.000 | 52.207 | -4.4 | 100 | 0.00 |
| 20 | T | Methylene Chloride | 50.000 | 49.414 | 1.2 | 99 | 0.00 |
| 21 | T | trans-1,2-Dichloroethene | 50.000 | 48.226 | 3.5 | 96 | 0.00 |
| 22 | T | Diisopropyl ether | 50.000 | 53.259 | -6.5 | 101 | 0.00 |
| 23 | T | Vinyl Acetate | 250.000 | 275.661 | -10.3 | 101 | 0.00 |
| 24 | P | 1,1-Dichloroethane | 50.000 | 51.526 | -3.1 | 99 | 0.00 |
| 25 | T | 2-Butanone | 250.000 | 262.399 | -5.0 | 101 | 0.00 |
| 26 | T | 2,2-Dichloropropane | 50.000 | 42.691 | 14.6 | 80 | 0.00 |
| 27 | T | cis-1,2-Dichloroethene | 50.000 | 51.890 | -3.8 | 100 | 0.00 |
| 28 | T | Bromochloromethane | 50.000 | 51.837 | -3.7 | 102 | 0.00 |
| 29 | T | Tetrahydrofuran | 250.000 | 270.454 | -8.2 | 102 | 0.00 |
| 30 | C | Chloroform | 50.000 | 51.005 | -2.0# | 99 | 0.00 |
| 31 | T | Cyclohexane | 50.000 | 49.983 | 0.0 | 98 | 0.00 |
| 32 | T | 1,1,1-Trichloroethane | 50.000 | 53.145 | -6.3 | 101 | 0.00 |
| 33 | S | 1,2-Dichloroethane-d4 | 50.000 | 48.619 | 2.8 | 102 | 0.00 |
| 34 | I | 1,4-Difluorobenzene | 50.000 | 50.000 | 0.0 | 99 | 0.00 |
| 35 | S | Dibromofluoromethane | 50.000 | 50.110 | -0.2 | 102 | 0.00 |
| 36 | T | 1,1-Dichloropropene | 50.000 | 49.818 | 0.4 | 100 | 0.00 |
| 37 | T | Ethyl Acetate | 50.000 | 51.605 | -3.2 | 101 | 0.00 |
| 38 | T | Carbon Tetrachloride | 50.000 | 53.909 | -7.8 | 100 | 0.00 |
| 39 | T | Methylcyclohexane | 50.000 | 49.097 | 1.8 | 95 | 0.00 |
| 40 | TM | Benzene | 50.000 | 51.391 | -2.8 | 100 | 0.00 |
| 41 | T | Methacrylonitrile | 50.000 | 51.715 | -3.4 | 104 | 0.00 |
| 42 | TM | 1,2-Dichloroethane | 50.000 | 52.449 | -4.9 | 100 | 0.00 |
| 43 | T | Isopropyl Acetate | 50.000 | 53.133 | -6.3 | 102 | 0.00 |
| 44 | TM | Trichloroethene | 50.000 | 51.601 | -3.2 | 101 | 0.00 |
| 45 | C | 1,2-Dichloropropane | 50.000 | 51.826 | -3.7# | 100 | 0.00 |
| 46 | T | Dibromomethane | 50.000 | 50.484 | -1.0 | 100 | 0.00 |
| 47 | T | Bromodichloromethane | 50.000 | 48.359 | 3.3 | 103 | 0.00 |
| 48 | T | Methyl methacrylate | 50.000 | 54.208 | -8.4 | 102 | 0.00 |

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :** MSVOA_X
**LabSampleId :** VSTDCCC050

Quant Time: Jun 24 03:39:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|---|
| 49 | T | 1,4-Dioxane | 1000.000 | 1038.516 | -3.9 | 98 | 0.00 |
| 50 | S | Toluene-d8 | 50.000 | 48.632 | 2.7 | 99 | 0.00 |
| 51 | T | 4-Methyl-2-Pentanone | 250.000 | 267.174 | -6.9 | 99 | 0.00 |
| 52 | CM | Toluene | 50.000 | 51.037 | -2.1# | 97 | 0.00 |
| 53 | T | t-1,3-Dichloropropene | 50.000 | 44.099 | 11.8 | 93 | 0.00 |
| 54 | T | cis-1,3-Dichloropropene | 50.000 | 46.560 | 6.9 | 96 | 0.00 |
| 55 | T | 1,1,2-Trichloroethane | 50.000 | 50.810 | -1.6 | 97 | 0.00 |
| 56 | T | Ethyl methacrylate | 50.000 | 47.404 | 5.2 | 97 | 0.00 |
| 57 | T | 1,3-Dichloropropane | 50.000 | 51.034 | -2.1 | 98 | 0.00 |
| 58 | T | 2-Chloroethyl Vinyl ether | 250.000 | 244.400 | 2.2 | 97 | 0.00 |
| 59 | T | 2-Hexanone | 250.000 | 269.619 | -7.8 | 100 | 0.00 |
| 60 | T | Dibromochloromethane | 50.000 | 45.621 | 8.8 | 96 | 0.00 |
| 61 | T | 1,2-Dibromoethane | 50.000 | 51.357 | -2.7 | 99 | 0.00 |
| 62 | S | 4-Bromofluorobenzene | 50.000 | 49.104 | 1.8 | 101 | 0.00 |
| 63 | I | Chlorobenzene-d5 | 50.000 | 50.000 | 0.0 | 98 | 0.00 |
| 64 | T | Tetrachloroethene | 50.000 | 49.050 | 1.9 | 94 | 0.00 |
| 65 | PM | Chlorobenzene | 50.000 | 50.280 | -0.6 | 99 | 0.00 |
| 66 | T | 1,1,1,2-Tetrachloroethane | 50.000 | 53.991 | -8.0 | 97 | 0.00 |
| 67 | C | Ethyl Benzene | 50.000 | 52.062 | -4.1# | 98 | 0.00 |
| 68 | T | m/p-Xylenes | 100.000 | 103.049 | -3.0 | 98 | 0.00 |
| 69 | T | o-Xylene | 50.000 | 52.366 | -4.7 | 99 | 0.00 |
| 70 | T | Styrene | 50.000 | 52.459 | -4.9 | 98 | 0.00 |
| 71 | P | Bromoform | 50.000 | 44.922 | 10.2 | 99 | 0.00 |
| 72 | I | 1,4-Dichlorobenzene-d4 | 50.000 | 50.000 | 0.0 | 99 | 0.00 |
| 73 | T | Isopropylbenzene | 50.000 | 52.214 | -4.4 | 98 | 0.00 |
| 74 | T | N-amyl acetate | 50.000 | 48.979 | 2.0 | 99 | 0.00 |
| 75 | P | 1,1,2,2-Tetrachloroethane | 50.000 | 51.849 | -3.7 | 97 | 0.00 |
| 76 | T | 1,2,3-Trichloropropane | 50.000 | 53.084 | -6.2 | 100 | 0.00 |
| 77 | T | Bromobenzene | 50.000 | 51.239 | -2.5 | 99 | 0.00 |
| 78 | T | n-propylbenzene | 50.000 | 52.455 | -4.9 | 97 | 0.00 |
| 79 | T | 2-Chlorotoluene | 50.000 | 52.493 | -5.0 | 99 | 0.00 |
| 80 | T | 1,3,5-Trimethylbenzene | 50.000 | 53.326 | -6.7 | 99 | 0.00 |
| 81 | T | trans-1,4-Dichloro-2-butene | 50.000 | 43.558 | 12.9 | 91 | 0.00 |
| 82 | T | 4-Chlorotoluene | 50.000 | 51.476 | -3.0 | 100 | 0.00 |
| 83 | T | tert-Butylbenzene | 50.000 | 52.135 | -4.3 | 98 | 0.00 |
| 84 | T | 1,2,4-Trimethylbenzene | 50.000 | 53.369 | -6.7 | 97 | 0.00 |
| 85 | T | sec-Butylbenzene | 50.000 | 52.107 | -4.2 | 96 | 0.00 |
| 86 | T | p-Isopropyltoluene | 50.000 | 52.262 | -4.5 | 96 | 0.00 |
| 87 | T | 1,3-Dichlorobenzene | 50.000 | 51.603 | -3.2 | 98 | 0.00 |
| 88 | T | 1,4-Dichlorobenzene | 50.000 | 49.689 | 0.6 | 99 | 0.00 |
| 89 | T | n-Butylbenzene | 50.000 | 52.018 | -4.0 | 94 | 0.00 |
| 90 | T | Hexachloroethane | 50.000 | 46.401 | 7.2 | 99 | 0.00 |
| 91 | T | 1,2-Dichlorobenzene | 50.000 | 51.618 | -3.2 | 99 | 0.00 |
| 92 | T | 1,2-Dibromo-3-Chloropropane | 50.000 | 47.626 | 4.7 | 103 | 0.00 |
| 93 | T | 1,2,4-Trichlorobenzene | 50.000 | 52.915 | -5.8 | 99 | 0.00 |
| 94 | T | Hexachlorobutadiene | 50.000 | 46.659 | 6.7 | 95 | 0.00 |
| 95 | T | Naphthalene | 50.000 | 49.412 | 1.2 | 100 | 0.00 |

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**LabSampleId :**
VSTDCCC050

Quant Time: Jun 24 03:39:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

| | Compound | Amount | Calc. | %Dev | Area% | Dev(min) |
|---|---|---|---|---|---|---|
| 96 T | 1,2,3-Trichlorobenzene | 50.000 | 52.644 | -5.3 | 95 | 0.00 |

(#) = Out of Range SPCC's out = 0 CCC's out = 6